

REMARKS UNDER 37 CFR § 1.111

Formal Matters

Claims 1-22, 40-50 and 56-60 are pending after entry of the amendments set forth herein.

Claims 23-39, 51-55 and 61-64 have been canceled above, without prejudice to the possibility of filing one or more continuing applications directed to the subject matter recited therein.

Claims 15, 16, 21 and 48 are currently withdrawn from consideration.

Claims 1-14, 17-20, 22, 40-47, 49-50 and 56-60 were examined. Claims 1-14, 17-20, 22, 40-47, 49-50 and 56-60 were rejected.

Applicant respectfully requests reconsideration of the application in view of the amendments and remarks made herein.

No new matter has been added.

The Office Action

Claims Rejected Under 35 U.S.C. Section 112, Second Paragraph

In the Official Action of March 29, 2007, claims 1-14, 17-20, 22, 40-47, 49-50 and 56-60 were rejected under 35 U.S.C. Section 112, second paragraph as being indefinite.

With regard to claims 1, 43 and 56, the Examiner asserted that the phrase “converting the identified data items to determine graphical representations” was indefinite. In response thereto, claims 1, 43 and 56 have been amended above to change the phrase to converting data values of the data items to graphical representations of the data values of the items.

With regard to claims 1, 43 and 56, the Examiner indicated that the phrase “a first c x d graphical representations” was vague and indefinite. In response to the rejection, Applicant did not find this phrase in any of claims 1, 43 or 56. However, to add clarity, Applicant has amended claims 1, 43 and 56 to further define the integers “c” and “d”.

With regard to claims 1, 2, 8, 10, 12-13, 17-19, 43-44, 47, 49, and 56-60, the Examiner asserted that the term “pseudo-data vector” was deemed to be vague and indefinite and required clearer claim wording, as it was uncertain as to what exactly a “pseudo-data vector” refers. Applicant respectfully

traverses. It is respectfully submitted that a definition of “pseudo-data vector” is provided in the specification at paragraph [0064] on page 11 of the specification and that this item of rejection is therefore inappropriate.

Claims 2, 44, 50 and 57 were rejected, as the term “descriptive data” was considered to be indefinite. In response thereto, Applicant has amended claims 2, 44, 50 and 57 (as well as other claims containing the term “descriptive data”) to change the term to annotative data. Support for these amendments can be found, for example, at paragraph [0080] on page 15 of the specification.

Claims 2, 44, 50 and 57 were further rejected as the Examiner considered the term “converting” to be vague and indefinite, as it was unclear as to what the data was converted to. In response thereto, claims 2, 44, 50 and 57 have been amended to clarify that the annotative data items are converted to said pseudo-data vector by assigning data values to the annotative data items.

With regard to claims 8-11, 13, 19, 45-46 and 58, the Examiner asserted that it was unclear as to what “pseudo-data values” refers. In response thereto, Applicant notes that pseudo-data values are the values used to make a pseudo-data vector. It is respectfully submitted that paragraphs [0064] and [0065] of the specification clearly describe this.

With regard to the rejection of claim 9, claim 8 (from which claim 9 depends) has been amended above so as not to be limited to a row of annotative data items where all cells have values, as one or more cells of the row may be missing an annotative data item.

As to the rejection of claim 19, claim 19 has been amended to clarify that the pseudo data values assigned to emphasize and de-emphasize certain cells of the row function as a window or a filter that emphasizes values in columns of data corresponding to the selected cells (emphasized), while values in columns of data corresponding to cells in the row that were not selected are de-emphasized, or filtered out of the sort.

As to the rejection of claims 10 and 11 for lack of antecedent basis, the word “the” has been deleted in each case.

In view of the above amendments and remarks, the Examiner is respectfully requested to reconsider and withdraw the rejection of claims 1-14, 17-20, 22, 40-47, 49-50 and 56-60 under 35 U.S.C. Section 112, second paragraph, as being indefinite, as being no longer appropriate

Claims Provisionally Rejected Under Obviousness-Type Double Patenting (Application Serial No. 10/403,762)

Claims 1 and 12-15 were provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 and 4-7 of copending Application No. 10/403,762. The Examiner asserted that claims 1 and 4-7 of Application No. 10/403,762 are generic to current claims 1 and 12-15.

Although Applicant does not agree with this ground of rejection and do not acquiesce thereto, Applicant is submitting a terminal disclaimer concurrently with this amendment in order to advance the prosecution of the instant application.

Accordingly, the Examiner is respectfully requested to reconsider and withdraw the rejection of claims 1 and 12-15 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 and 4-7 of copending Application No. 10/403,762, as being moot.

Conclusion

Applicant submits that all of the claims are in condition for allowance, which action is requested. If the Examiner finds that a telephone conference would expedite the prosecution of this application, please telephone the undersigned at the number provided.

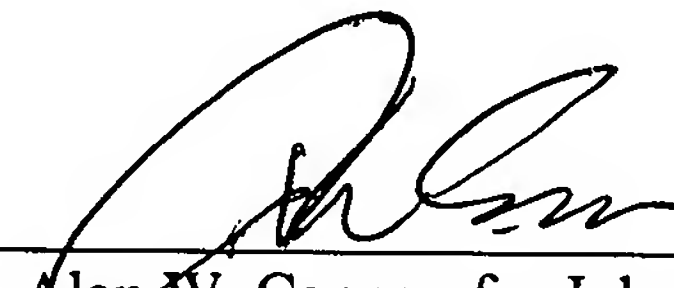
The Commissioner is hereby authorized to charge any underpayment of fees associated with this communication, including any necessary fees for extensions of time, or credit any overpayment to Deposit Account No. 50-1078, order number 10031032-1.

Respectfully submitted,

Date: _____

6/19/07

By: _____



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